

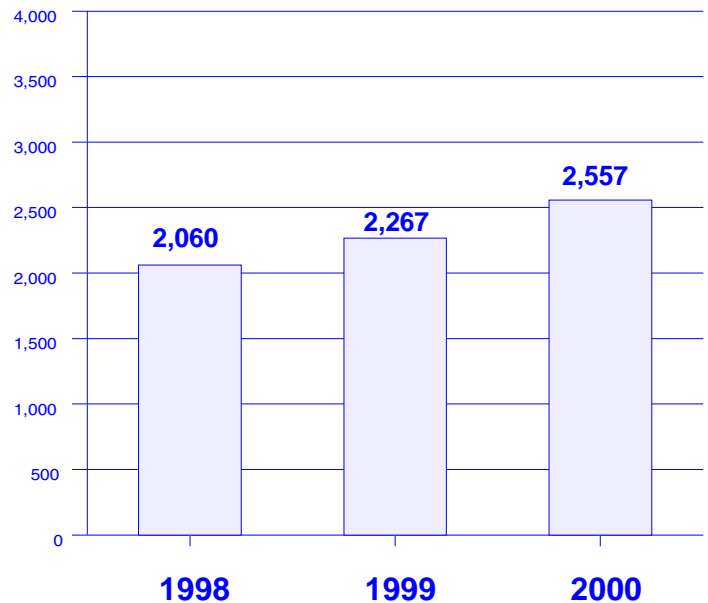
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

The budget for the National Oceanic and Atmospheric Administration (NOAA) is divided into two primary accounts, Operations, Research and Facilities (ORF), which consists of about 70% of NOAA's budget, and Procurement, Acquisition and Construction (PAC), comprising 25%. A newly-created account, the Pacific Coastal Salmon Recovery account, is established in FY 2000 under the authority of the Endangered Species Act to fund salmon conservation measures in the Pacific Northwest, mainly in the states of California, Oregon, Washington, and Alaska. Funding in this account represents about 4% of NOAA's budget. Several smaller accounts make up the remaining 1%.

NOAA's FY 2000 request in the PAC account expands the concept of an annual appropriation for incrementally funded capital projects to include advanced appropriations for entire projects, or divisible segments of larger ones. Requesting advanced appropriations for capital assets responds to the requirements of the Federal Acquisition Streamlining Act of 1994 and the Information Technology Management Reform Act of 1996 for multi-year PAC projects in the acquisition stage and is designed to account for the full Federal liability for procurement through advanced appropriations. Full funding of projects or divisible segments will improve the decision-

NOAA Funding

(Dollars in Millions)

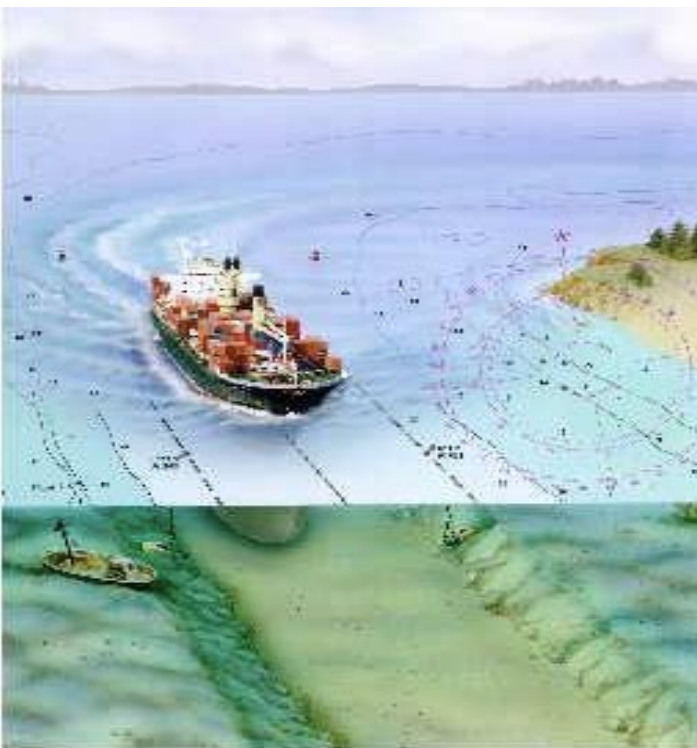


making process by allowing managers to understand the full cost of project implementation when making funding decisions. Full funding will also improve NOAA's procurement process by allowing the achievement of cost efficiencies, it will ensure that the capital assets requested support the agency's core/primary mission and generate an acceptable minimum rate of return through a cost/benefit evaluation, and it will increase accountability.

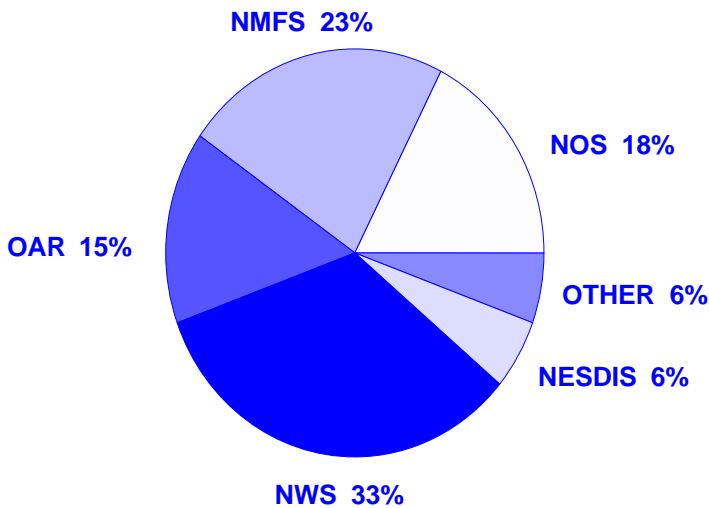
Operations, Research and Facilities Activities

National Ocean Service (NOS):

NOS provides for the management of ocean and coastal resources, particularly in the 200-mile Exclusive Economic Zone (EEZ), and for improvements in quality, quantity, geographic distribution and timeliness of ocean observations. Mapping and charting activities produce aeronautical and nautical charts and supporting documents which are compiled and sold to the public and other Federal agencies. Full responsibility for aeronautical charts will be transferred to the Department of Transportation in FY 2000. Understanding of the coastal environment is enhanced through the coastal science and the coastal zone management programs. NOS also acquires or establishes marine and estuarine sanctuaries of national significance.



NOAA Activities



National Marine Fisheries Service (NMFS):

NMFS manages fisheries within the 200-mile Exclusive Economic Zone (EEZ) to ensure the health of commercial and recreational fishery stocks. Fishery stocks are surveyed, catch data are collected, and research is conducted to understand better the variables affecting the abundance and variety of marine resources. Protection of endangered marine species and coastal and estuarine fishery habitats and enforcement of fishery regulations and seafood quality are also primary bureau activities. Full responsibility for seafood inspections will be transferred to the Department of Health and Human Services in FY 2000. Research is conducted in conjunction with states on interjurisdictional and anadromous fishery resources.

Oceanic and Atmospheric Research (OAR):

OAR provides the research and technology development necessary to improve NOAA weather services, solar-terrestrial forecasts and marine services. OAR provides the scientific basis for national policy decisions in areas such as climate change, air quality and stratospheric ozone depletion, and promotes economic growth through efforts in marine biotechnology and development of environmental observing technologies.

National Weather Service (NWS):

NWS provides weather and flood warnings and forecasts to the general public and other users. Weather satellites and staffed and automated stations on land and at sea gather meteorological observations of the atmosphere and the Earth's surface. Based on these observations, professional meteorologists prepare warnings and forecasts and disseminate them to the public.

National Environmental Satellite, Data and Information Service (NESDIS):

NESDIS provides for the operation of the polar-orbiting and geostationary operational environmental satellites, development of the converged polar-orbiting satellite series with the Department of Defense and NASA, as well as management of NOAA's environmental data collections. The polar and geostationary satellites provide meteorological data to the National Weather Service for use in developing warnings and forecasts. Environmental data and information are collected from NOAA and other sources, disseminated and archived for future use.

Program Support (PS):

Program Support includes Executive Direction and Central Administrative Support through which NOAA provides centralized management concerning NOAA policy and planning objectives, individual program operations, legal counsel, Congressional relations and public affairs. NOAA also provides management services to NOAA/DOC field offices through the regional Administrative Support Centers. In addition, the Program Support activity includes the operation of NOAA's fleet of research aircraft.

Facilities:

The Facilities activity provides for the maintenance, repair and minor modification to existing NOAA-wide facilities, facilities planning and design, and environmental compliance.

Fleet Maintenance and Planning:

This activity provides for the repair and maintenance of the NOAA fleet of research vessels, including procurement of ship-related equipment, and planning for the modernization of the NOAA fleet.



Other NOAA Accounts:

The Coastal Zone Management Fund was established under the Omnibus Budget Reconciliation Act of 1990 (P.L. 101-158, Sec. 6201-6216) to receive repayments from the coastal energy impact program. These payments are used for CZM programs and administration as authorized by section 308 of the Coastal Zone Management Act (CZMA), and will offset CZM administration costs in the ORF account.

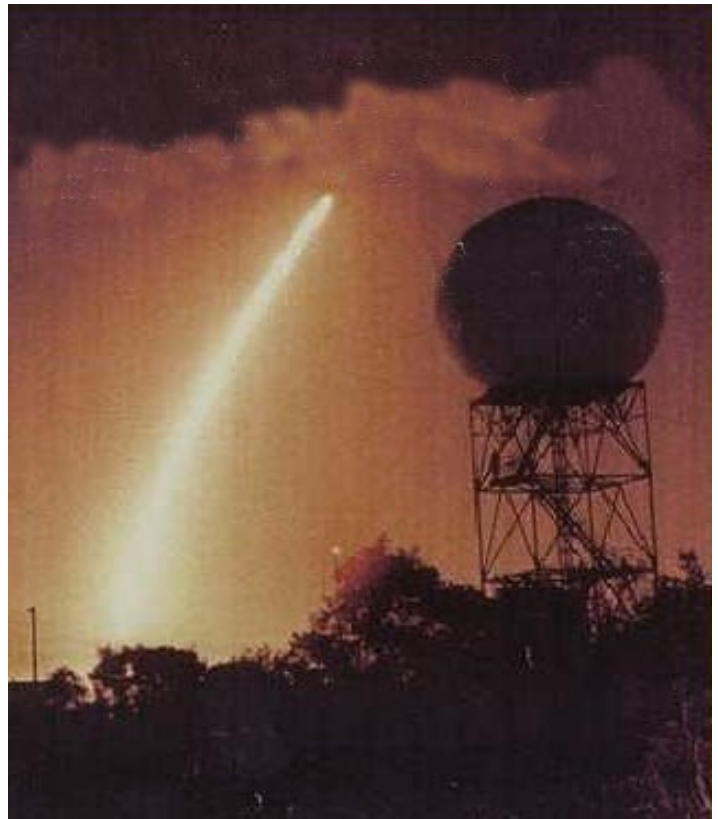
The Fishermen's Contingency Fund is used to compensate domestic fishermen for the damage or loss of fishing gear and resulting economic loss due to obstructions related to oil and gas exploration, development or production in the Outer Continental Shelf. The funds are derived from fees collected annually by the Secretary of the Interior from the holders of leases, explorations, permits, easements, and rights of way.

The Foreign Fishing Observer Fund provides observer coverage of foreign fishing activities within the 200-mile EEZ. The fund is financed by fees collected from foreign governments with fishing vessels within the exclusive fishery jurisdiction of the U.S. The fund is used to pay salaries, administrative costs, data entry and other expenses associated with the placement of observers aboard foreign fishing vessels.

The Promote and Develop Fishery Products & Research Pertaining to American Fisheries Fund receives 30 percent of the import duties the Department of Agriculture collects on fishery-related products. A portion of these funds is used to offset marine fishery resource programs in the "Operations, Research and Facilities" appropriation in FY 2000. The remainder of the funds is used to promote industry development through competitively-awarded external grants for innovative research and development of projects in the fishing industry and for internal research that complements the external program.

The Fisheries Finance Program Account (formerly Fishing Vessel Obligation Guarantee Fund) is used by fishermen to refinance existing debt, obtain loans to renovate and repair existing vessels, and facilities, and to construct new processing plants for underutilized species, aquaculture, and waste reduction. Vessel loans do not increase over-capitalization in the fishing industry; they either reduce fishing capacity or are capacity neutral. The re-authorization of the Magnuson-Stevens Fisheries Conservation and Management Act in October 1996 changed the program to provide direct loans rather than loan guarantees previously made under the Fishing Vessel Obligation Guarantee appropriation.

The Pacific Coastal Salmon Recovery Account is established in FY 2000 to fund a new Pacific Coastal Salmon Recovery initiative for the purpose of sharing the costs of state, local, and tribal salmon conservation initiatives. Utilization of this fund will support NOAA's contribution to a broad



interdepartmental initiative bolstering Federal capabilities to assist in the conservation of at-risk salmon runs in the western states of California, Washington, Oregon and Alaska. Grants will be matched dollar for dollar with non-Federal contributions. The fund will be established under the Secretary of Commerce's existing authorities under the Endangered Species Act, and will be made available through agreements with the Governors of each state for distribution to state, local and tribal efforts. The Secretary will also establish terms and conditions to ensure effective use of the funds as well as specific reporting requirements to ensure full accountability by users of the fund.

The Damage Assessment and Restoration Revolving Fund (DARRF) receives proceeds from claims against responsible parties as determined through court settlements or agreements for both damage assessment and restoration costs. In FY 1999 and prior, funds were transferred to the Operations, Research and Facilities account for purposes of damage assessment and restoration. Beginning in FY 2000, funds will be expended in the DARRF and treated as mandatory budget authority.

The Procurement, Acquisition and Construction (PAC) account, established in FY 1998 as an annual appropriation, includes costs associated with the acquisition of NOAA's major capital assets. In FY 2000, NOAA is requesting advanced funding in annual increments for its multi-year capital projects. The requirement for full funding of multi-year capital projects through advanced annual appropriations is



Performance Measures

For FY 2000, NOAA has identified a series of performance measures which can be used to assess the effectiveness of its program activities. This list of measures focuses on NOAA's priority programs and program goals and can be expected to evolve over time as NOAA, the Department, and the Administration continue to refine and develop effective performance measures to use them as a key management tool, and to implement the Government Performance and Results Act.

NOAA contributes to all three Departmental Strategic Themes. NOAA's goals under Economic Infrastructure include promotion of safe navigation and advancement of short-term weather warnings and forecasts. NOAA's goals under Science/Technology/Information include climate forecasting and predicting climate change. Under the Resources/Assets Management/Stewardship Theme, NOAA's goals include building sustainable fisheries, recovering protected species and sustaining healthy coasts.

To track progress in the implementation of NOAA's Strategic Plan for 1995 - 2005, the following performance measures were developed for each of the seven goals that make up the components of this plan. These measures are among the more important ones used by NOAA to track progress in meeting its goals and objectives.

designed to ensure that agencies account for the entire Federal liability for a given project, and/or divisible segment. Full funding is supported by the Administration as part of an on-going attempt to improve cost and performance of agency procurements. Included in this account are three activities: "Systems Acquisition" which contains projects associated with modernizing NOAA's weather services, including satellite procurements; "Construction" which contains projects involving new construction, or major modification of existing facilities; and "Fleet Modernization" which contains funding to support modernization of NOAA's fleet of research vessels either through new construction, major modification to existing vessels, or acquisition of capacity from third parties.

Measures and Targets Summary

<u>Goal</u>	<u>Measure</u>	<u>Target</u>
Advance Short-Term Warning and Forecast Services	Increase lead time (minutes) and accuracy (%) for severe weather warnings for Tornadoes	12 min 70% accuracy
	Increase lead time (minutes) and accuracy (%) for severe weather warnings for Flash Floods	46 min 86% accuracy
	Increase lead time (minutes) and accuracy (%) for severe weather warnings for severe Thunderstorms	20 min 85% accuracy
	Increase accuracy (km/mi) of warnings within 24 hours of Hurricane landfall	130km/ 81 mi
	Increase lead time (days in advance) for successfully forecasting one inch of precipitation	2.4 days
	Increase accuracy (%) of correct forecasts for heavy Snowfall	60%
	Increase the accuracy (in degrees F) of Temperatures averaged for all forecasts periods and cycles	Correct: 87% Freezing: 80%

<u>Goal</u>	<u>Measure</u>	<u>Target</u>
Implement Seasonal to Interannual Climate Forecasts	ENSO Forecasts - Accuracy (correlation)	0.85
	U.S. temperature - skill score	20
	New and improved data sets developed and produced (number per year)	6
	Global Ocean-Atmosphere-Land System (GOALS) experiments implemented (%)	25%
Predict and Assess Decadal to Centennial Change	Document the “turnover” of CFC source gases (whose atmospheric abundance is expected to begin decreasing in 1998) in order to verify the effectiveness of global policy actions	N/A
	Publish updated trend results of air quality measurements	N/A
	Lead development of peer-reviewed initial assessment of regional ozone in North America, including summarizing results for customers	N/A
Promote Safe Navigation	Number of Physical Oceanographic Real-Time Telemetry Systems (PORTS) in place to provide quality-assured data in real-time for safe navigation	7
	Percent reduction in the backlog (square nautical miles) of hydrographic surveys for critical areas (cumulative)	22.5%
Build Sustainable Fisheries	By 2004, 50% fewer overfished fisheries (currently 86 of 286 stocks are overfished. This would be reduced to 43)	0%
	By 2004, 60% of stocks have sufficient essential fish habitat	50%
	By 2004, 10% increase in employment in non-capture fishing and other sectors in fishing communities	0%
	By 2004, 20% increase in economic contribution of aquaculture to Gross Domestic Product (GDP)	4%
Recover Protected Species	Number of recovery plans developed (cumulative)	27
	Number of recovery plans priority activities implemented (annual)	20
	Number of species with status improved (annual)	16

<u>Goal</u>	<u>Measure</u>	<u>Target</u>
Sustain Healthy Coasts	Measure human-induced and other sources mortality (annual)	15
	Cooperative conservation programs implemented (cumulative)	10
	Number of U.S. coastal regions with reduced introductions and impacts of nonindigenous species (total of 6 regions)	1
	Percent of U.S. coastline with threats to habitat assessed and ranked	20%
	Number of acres of coastal habitat restored (cumulative)	88,000
	Percent state coastal nonpoint pollution control programs approved (% of 35 coastal states)	86%
	Number of U.S. coastal regions with systems to predict and reduce impacts of harmful algal blooms (total of 6)	1
	Percent of U.S. shoreline and inland areas with improved ability to identify extent and severity of coastal hazards	20%

SUMMARY OF APPROPRIATIONS

(Dollars in Thousands)

			2000	Increase
<u>Appropriation</u>	<u>1998</u>	<u>1999</u>	<u>Estimate</u>	<u>(Decrease)</u>
Operations, Research & Facilities (ORF)	\$1,498,550	\$1,579,844	\$1,738,911	\$159,067
Rescission of unobligated balances (ORF)	0	0	(3,400)	(3,400)
Procurement, Acquisition & Construction (PAC)	491,609	584,677	630,578	45,901
Coastal Zone Management Fund	7,212	4,000	4,000	0
Fishermen's Contingency Fund	194	953	953	0
Foreign Fishing Observer Fund	154	189	189	0
Federal Ship Financing Fund	0	0	0	0
Pacific Coastal Salmon Recovery	0	0	100,000	100,000
Fisheries Promotional Fund (rescission)	0	0	(1,186)	(1,186)
Fisheries Finance Program	338	28,338	10,258	(18,080)
TOTAL APPROPRIATION	1,998,057	2,198,001	2,480,303	282,302

Transfers:

Operations, Research & Facilities

FROM: Promote & Develop Fishery Products	62,381	63,381	64,926	1,545
Disaster Research & Prevention (USDA)	0	7,000	0	(7,000)
Damage Assessment & Restoration Rev. Fund	1,162	1,500	0	(1,500)
Coastal Zone Management Fund	0	0	4,000	4,000
Agency for International Development	75	0	0	0
To: General Administration	(1,000)	0	0	0
Subtotal, ORF	62,618	71,881	68,926	(2,955)

Coastal Zone Management Fund

TO: ORF	0	0	(4,000)	(4,000)
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Promote & Develop Fishery Products (P&D)

TO: ORF	(62,381)	(63,381)	(64,926)	(1,545)
FROM: Department of Agriculture	65,734	66,426	66,426	0
Subtotal, P&D	3,353	3,045	1,500	(1,545)

Damage Assessment & Restoration Revolving Fund

TO: ORF	(1,162)	(1,500)	0	1,500
FROM: Department of Interior	0	0	0	0
Subtotal, DARRF	(1,162)	(1,500)	0	1,500

TOTAL TRANSFERS	64,809	73,426	66,426	(7,000)
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			2000	Increase
<u>Appropriation</u>	<u>1998</u>	<u>1999</u>	<u>Estimate</u>	<u>(Decrease)</u>
Permanent Appropriation per Federal Credit Reform Act (P.L. 105-33)	700	0	0	0
CZMF mandatory offsetting collections	(3,115)	(4,000)	(4,000)	0
NOAA Corps Retirement Pay	[8,000]	[7,000]	13,900	13,900
TOTAL BUDGET AUTHORITY	2,060,451	2,267,427	2,556,629	289,202
Mandatory Funds	63,319	62,426	76,326	13,900
DISCRETIONARY BUDGET AUTHORITY	1,997,132	2,205,001	2,480,303	275,302
PROPOSED SUPPLEMENTAL				
Northeast multispecies fishery:				
ORF account	0	1,880	0	(1,880)
Fisheries Finance Program account	0	3,120	0	(3,120)
PROPOSAL FOR LATER TRANSMITTAL				
Navigation & Magnuson Fees Authorization	0	0	(34,000)	(34,000)
DISCRETIONARY BUDGET AUTHORITY	1,997,132	2,210,001	2,446,303	236,302
Including Supplemental & Fees				

SUMMARY OF POSITIONS

			2000	Increase
	<u>1998</u>	<u>1999</u>	<u>Estimate</u>	<u>(Decrease)</u>
Operations, Research & Facilities (ORF)	11,609	11,903	12,183	280
ORF Reimbursable	1,290	725	611	(114)
Procurement, Acquisition & Construction (PAC)	239	185	162	(23)
Coastal Zone Management Fund	51	51	0	(51)
Promote and Develop Fishery Products	5	5	5	0
Fisheries Finance Program	0	0	24	24
Fishermen's Contingency Fund	1	1	1	0
TOTAL	13,195	12,870	12,986	116

HIGHLIGHTS OF BUDGET CHANGES

(By Appropriation)

APPROPRIATION: Operations, Research & Facilities

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			11,903	\$1,579,844
<u>Transfers</u>				
Interbureau transfer	0	\$70,381		
Intrabureau transfer	0	1,500		
Total, Transfers			0	71,881
Adjustments to Base:				
Restoration of FY 1999 Deobligation Offset			0	33,000
<u>Adjustments</u>				
Damage Assessment and Restoration Revolving Fund - spend in fund			0	(1,500)
Transfer funding from ORF to PAC for NWS systems			0	(6,600)
Transfer funding from CZMF to ORF			51	4,000
Non-recurring item: FY 1999 Supplemental			0	(7,000)
NOAA Corps Retirement Pay			0	6,900
<u>Other Cost Changes</u>				
1999 Pay raise		6,045		
2000 Pay raise		23,115		
Within-grade step increases		7,395		
Civil Service Retirement System (CSRS)		(1,260)		
Federal Employees' Retirement System (FERS)		1,631		
Thrift Savings Plan		296		
Federal Insurance Contributions Act (FICA) - OASDI		961		
Health insurance		1,764		
Employees' Compensation Fund		233		
Travel: Per Diem		616		
Transportation of things		107		
Rent payments to GSA		1,355		
Rent payments to others		126		
Communications, utilities & misc.		246		
Postage		117		
FTS		460		
Printing and reproduction		184		
Other services:				
Commerce Administrative Management System (CAMS)		9,000		
Other services		2,480		
HBCU		1,000		
Supplies and materials		727		
Equipment		776		
Grants		338		
Subtotal, other cost changes			0	57,712
Less Amount Absorbed			0	(17,824)

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
TOTAL, ADJUSTMENTS TO BASE			51	68,688
2000 Base			11,954	1,720,413
Program Changes			229	130,924
TOTAL REQUIREMENTS			12,183	1,851,337
Unobligated Balances Made Available for Obligation				3,400
NOAA Corps Retirement Pay to Mandatory				(13,900)
Recoveries from prior year obligations				(33,000)
Transfers:				
From Promote and Develop American fisheries				(64,926)
From Coastal Zone Management Fund				(4,000)
From Damage Assessment & Restoration Revolving Fund				0
2000 APPROPRIATION			12,183	1,738,911
Rescission of Unobligated Balances				(3,400)
Proposal for Later Transmittal:				
Navigation & Magnuson Fees Authorization				(34,000)
TOTAL APPROPRIATION WITH FEES			12,183	1,701,511

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
National Ocean Service	1,294	\$254,107	1,405	\$260,503	1,474	\$328,543	69	\$68,040
National Marine Fisheries Service	2,712	382,550	2,712	386,784	2,956	420,432	244	33,648
Oceanic & Atmospheric Research	1,005	287,410	945	281,883	945	282,570	0	687
National Weather Service	4,853	560,705	4,853	577,095	4,764	617,897	(89)	40,802
National Environmental Satellite, Data & Information Service	796	109,935	796	111,224	796	103,092	0	(8,132)
Program Support	1,216	69,250	1,216	73,537	1,221	73,887	5	350
Fleet Maintenance & Planning	12	11,600	12	11,643	12	9,243	0	(2,400)
Facilities	15	13,265	15	3,844	15	9,829	0	5,985
Rent savings	0	0	0	0	0	(4,656)	0	(4,656)
NOAA Corps retirement pay (mandatory)	0	0	0	13,900	0	13,900	0	0
TOTAL DIRECT OBLIGATIONS	11,903	1,688,822	11,954	1,720,413	12,183	1,854,737	229	134,324
REIMBURSABLE OBLIGATIONS	725	229,400	611	195,767	611	195,767	0	0
Navigation & Magnuson Fee Collections	0	4,000	0	4,000	0	4,000	0	0
Offsetting collections (data sales)	0	3,600	0	3,600	0	3,600	0	0
TOTAL OBLIGATIONS	12,628	1,925,822	12,565	1,923,780	12,794	2,058,104	229	134,324
FINANCING	(725)	(274,097)	(611)	(236,367)	(611)	(236,367)	0	0
TOTAL BUDGET AUTHORITY (B.A.)	11,903	1,651,725	11,954	1,687,413	12,183	1,821,737	229	134,324
Transfers/Mandatory Funds	0	(71,881)	0	(81,281)	0	(82,826)	0	(1,545)
APPROPRIATION	11,903	1,579,844	11,954	1,606,132	12,183	1,738,911	229	132,779
Proposed Rescission of Unobligated Balances	0	0	0	0	0	(3,400)	0	(3,400)
TOTAL BUDGET AUTHORITY W/ RESCISSION	11,903	1,651,725	11,954	1,687,413	12,183	1,818,337	229	130,924
APPROPRIATION W/ RESCISSION	11,903	1,579,844	11,954	1,606,132	12,183	1,735,511	229	129,379
Proposed Supplemental:								
Northeast multispecies fishery		1,880					0	0
Proposal for Later Transmittal:								
Navigation & Magnuson Fees Authorization						(34,000)	0	(34,000)
TOTAL B.A. w/RESC., SUP., & FEES	11,903	1,653,605	11,954	1,687,413	12,183	1,784,337	229	96,924
APPROPRIATION w/RESC., SUP. & FEES	11,903	1,581,724	11,954	1,606,132	12,183	1,701,511	229	95,379

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Positions</u>	<u>Amount</u>	<u>Positions</u>	<u>Amount</u>
<u>National Ocean Service (NOS)</u>				

Navigation Services	630	\$80,477	0	+\$2,490
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An increase is requested in Navigation Services to accelerate working down the backlog of nautical surveys through use of private sector contracts (0 pos.; +\$900). To support National Ocean Conference initiatives, an increase is requested in Tides and Current Data for modernization efforts necessary to support the establishment of quality assurance of additional Physical Oceanographic Real-Time Stations (PORTS) through local partnerships. This increase will also support modernization of the National Water Level Observation Network stations (0 pos.; +\$2,750). An increase is also requested in Mapping and Charting to maintain and enhance the modernization of the nautical charting database production processes (0 pos.; +\$1,000) and in Geodesy to accelerate modernization of the vertical component of the National Spatial Reference System (0 pos.; +\$500).

No funding is requested for the Joint Hydrographic Center (0 pos.; -\$2,000); the stream quality monitoring project (0 pos.; -\$160); or the South Carolina geodetic survey project (0 pos.; -\$500).

Proposed for later transmittal, is a request for fee collections in conjunction with the U.S. Coast Guard for navigation services totaling \$14.0 million which, if authorized, would offset NOAA's budget authority.

Ocean Resources Conservation and Assessment	428	84,450	+35	+15,200
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An increase is requested in the base Oceanic & Coastal Research base program to support incremental operational costs at the new Charleston, S.C. marine environmental health research laboratory (0 pos.; +\$500).

In the Ocean Assessment Program, an increase is requested for the Lands Legacy Initiative to support collaborative efforts with the U.S. Army Corps of Engineers to restore coastal habitats through the beneficial reuse of dredge spoil. NOAA staff would serve as the technical resource on restoration projects, advising on ways to address biological effects of contaminated sediments (+20 pos.; +\$10,000). An increase is also requested for the Clean Water Initiative to facilitate early detection of pfiesteria and other harmful algal blooms (HABs) rapid response efforts for states, universities and communities (0 pos.; +\$1,750). An increase is requested under the Natural Disaster Reduction Initiative to expand work with coastal states as they develop coastal risk atlases and to provide new remote sensing data in a more timely manner (0 pos.; +\$1,000). To support National Oceans Conference initiatives, additional funds are requested to explore the last frontier by conducting an evaluation of the marine sanctuaries to determine the economic contributions that these resources provide to the environment and the economy (0 pos.; +\$1,000) and to enhance research on the consequences of reef damage, reduce impacts, and work with state and other partners to improve sustainable management of coral reefs (0 pos.; +\$2,000). Lastly, an increase is requested for the South Florida ecosystem program to implement an integrated ecosystem monitoring program, particularly in the areas around Florida Bay and the Florida Keys marine sanctuary (0 pos.; +\$1,000).

Under Response and Restoration programs, an increase is requested to support the Lands Legacy Initiative to restore damaged coral reefs, develop a coral nursery and review ongoing coral restoration efforts (+15 pos.; +\$10,000). Increases are requested under the Coastal Ocean Program to continue the multi-agency Ecology and Oceanography of Harmful Algal Blooms (ECOHAB) program (0 pos.; +\$600) and for continued hypoxia research in the Gulf of Mexico (0 pos.; +\$400).

A decrease is requested for research efforts on zebra mussels and nearshore research conducted by the Great Lakes Environmental Research Laboratory (0 pos.; -\$800).

No funding is requested for the following programs under Ocean Assessment: for pfiesteria research at N.C. State (0 pos.; -\$500); the Cooperative Institute for Coastal and Estuarine Environmental Technology (0 pos.; -\$5,800); the Coastal Services Center (0 pos.; -\$3,750); the University of Hawaii Coral Reef Institute (0 pos.; -\$1,000); and for assistance to the Beaufort, S.C. water quality project (0 pos.; -\$1,200).

Ocean and Coastal Management	151	80,850	+34	+47,350
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An increase is requested in the Coastal Zone Management (CZM) program administration line to support national programs, the planned expansion of the National Estuarine Research Reserves (NERRS) to 27 sites, and continued additions to the state CZM programs (+11 pos.; +\$1,000). In support of the Clean Water Initiative and Lands Legacy Initiative (components of Ocean 2000), increased funds are needed for the coastal non-point pollution control program for the CZM states to complete development of state programs, and to develop nonpoint control programs in the four new states: Georgia, Texas, Ohio and Minnesota (0 pos.; +\$2,000). Increased funding is requested for CZMA enhancement grants for states to implement their approved coastal non-point control program elements that address polluted runoff (0 pos.; +\$2,000). In support of the Lands Legacy Initiative, an increase is requested for Section 310 of the CZMA to provide technical assistance grants to support community-based, environmentally sound solutions to the impacts and pressures on coastal resources (+3 pos.; +\$28,000). Increased funds are also needed in the NERRS program to assist in staffing, education, monitoring, research, and training activities required due to adding five new reserves to the system (0 pos.; +\$2,700), and to improve management of the 12 national marine sanctuaries by fully funding base operations and implementing socioeconomic studies to improve sanctuary management plans, inventory existing resources, and to identify potential new sites (+20 pos.; +\$12,000). These increases are also part of the Lands Legacy Initiative.

No funding is requested for the Northwest Straits Advisory Commission (0 pos.; -\$350).

Acquisition of Data	196	14,726	0	+3,000
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Increases are requested to support UNOLS data collection for global ocean ecosystem dynamics research that studies how changing ocean conditions affect fish, and for ECOHAB efforts to examine how hypoxia and HABs impact coastal estuarine habitats (0 pos.; +\$3,000).

National Marine Fisheries Service (NMFS)

Information Collection and Analysis	1,366	191,229	+16	-21,724
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In the Resource Information line item, base increases are requested to promote environmentally sound marine aquaculture by developing and implementing regulatory and permit processing (+10 pos.; +\$1,014) and to support fisheries oceanography to improve stock predictions (+3 pos.; +\$1,600). An increase is requested under Fishery Industry Information for the collection of fisheries statistics and to perform economic analyses required by the new national Standard 8 of the Sustainable Fisheries Act (+3 pos.; +\$1,000).

Funding decreases are proposed for the following Resource Information activities: Chesapeake Bay studies (0 pos.; -\$390); right whale gear modification research (0 pos.; -\$150); Alaska groundfish calibration studies (0 pos.; -\$239); west coast groundfish studies (0 pos.; -\$20); Pacific salmon treaty program (0 pos.; -\$1,857); Hawaiian monk seals (0 pos.; -\$200); stellar sea lion recovery (0 Pos.; -\$1,080); Hawaiian sea turtles (0 pos.; -\$27). Decreases are also requested within these Fishery Industry programs: Alaska groundfish monitoring program (0 pos.; -\$300); PACFIN (0 pos.; -\$1,700); recreational fishery harvest monitoring (0 pos.; -\$800); and Gulf FIN (0 pos.; -\$3,000).

Within Resource Information, no funding is requested for the following programs: Gulf of Mexico consortium, Gulf and Atlantic States Fish Development Foundation, Atlantic herring/mackerel, Aquatic resources initiative, Alaska near shore fisheries, Chesapeake Bay oyster research, Charleston bump, shrimp pathogens, lobster sampling, southeastern sea turtles, hard clam population densities, the Hawaiian stock management plan and for bluefish/striped bass research (0 pos.; -\$15,575).

Conservation and Management Operations	960	146,839	+252	+61,572
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In Fisheries Management Programs, an increase is requested to implement Magnuson-Stevens Act provisions for improving the use of fisheries statistics and economic data, meeting the requirements of the Sustainable Fisheries Act, and implementing Essential Fish Habitat amendments to the Fishery Management Plans (+26 pos.; +\$2,630). Also included in this increase are funds to support the lease, and operations and maintenance costs for the Kodiak research laboratory (0 pos.; +\$1,500) and for the operations and maintenance costs for the Santa Cruz research laboratory (0 pos.; +\$300).

To support the Lands Legacy Initiative, a component of Oceans 2000, an increase is needed to establish through regional and community partnerships, a Fisheries Habitat Restoration Program to increase the geographic scope and rate at which

restoration efforts are undertaken. Affected areas include wetlands, salt marshes, mangroves, and anadromous fish spawning areas (0 pos.; +\$22,700). Further increases will help rebuild overfished and overcapitalized northeast fisheries (0 pos.; +\$5,180). Lastly, an increase is requested to support the regional Fisheries Management Councils as they revise all existing Fishery Management Plans, incorporate essential fish habitat into these plans, and implement new programs and regulations (0 pos.; +\$300).

Under Protected Species Management, an increase is requested to support NOAA's efforts to implement Endangered Species Act recovery plans for salmon, and will include funds to stem the decline of leatherback and loggerhead turtles, right whales and Hawaiian monk seals (+176 pos.; +\$29,700). Additional increases are sought for the base program of Protected Species Management to characterize and map biodiversity and protected species habitat to identify areas for conservation (+12 pos.; +\$2,600) and for West Coast Observers and Training (0 pos.; +\$1,575). An increase is requested in Habitat Conservation to provide programmatic support for restoring fish habitat and other resources injured by human activity under the Damage Assessment and Restoration Program (+20 pos.; +\$1,700), and in Enforcement & Surveillance to support investigations targeting blatant offenders and enforcement efforts in support of salmon and loggerhead turtle recovery (+18 pos.; +\$1,025).

Decreases are requested for the Columbia River hatcheries (0 pos.; -\$1,100) and for Pacific tuna management under Fisheries Management programs (0 pos.; -\$1,050). Under Protected Species Management, decreases are requested for Driftnet Act implementation (0 pos.; -\$100); Marine Mammal Protection Act (0 pos.; -\$358); and native marine mammals (0 pos.; -\$50).

No funds are requested for the following programs: Pacific coral reef management program (0 pos.; -\$230); Atlantic swordfish programs (0 pos.; -\$300) and the Columbia River hatcheries mass marking program (0 pos.; -\$2,200). No funds are requested under the Endangered Species Act program for technical support to Washington state (0 pos.; -\$1,000); the state of Alaska (0 pos.; -\$250); and the Northwest fisheries commission (0 pos.; -\$1,000).

A proposal will be transmitted later in FY 1999 to request fee authority, the revenues from which will offset costs associated with fisheries management and enforcement services. Estimated fees of \$20 million in FY 2000, if authorized, will offset NOAA budget authority.

State and Industry Assistance Programs	90	23,228	-24	-6,200
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A decrease is requested for the Atlantic cooperative management program of the interstate fish commission (0 pos.; -\$3,750). A decrease in the Product Quality and Safety line item ends funding for Federal Ship Financing Fund administration expenses in ORF. New budget authority is requested in the Fisheries Finance Program account to cover these administrative expenses (-24 pos.; -\$1,700). A decrease is also requested for Hawaiian fisheries development (0 pos.; -\$750).

The FY 2000 President's Budget includes legislative language to transfer the National Marine Fisheries Service Seafood Inspection Program to the Food and Drug Administration.

Acquisition of Data	296	25,488	0	0
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No changes are proposed for this subactivity in FY 2000.

[Oceanic and Atmospheric Research \(OAR\)](#)

Climate and Air Quality Research	383	122,813	0	+16,887
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An increase is requested in Interannual and Seasonal Climate Research to launch a new initiative to deploy an array of drifting buoys in the Pacific and Atlantic to obtain data in support of gaining accurate information on the seasonal cycles of the upper oceans (0 pos.; +\$4,000). In Long Term Climate and Air Quality Research, increases are requested to expand NOAA's efforts in the Health of the Atmosphere program to further understand the atmospheric processes controlling the formation and distribution of ground-level ozone and aerosols (0 pos.; +\$387); to implement a systematic long-term ocean observing program, and upgrade existing Voluntary Observing Ship (VOS) programs to include new sensors for carbon dioxide and other climate variables (0 pos.; +\$1,600); to improve coastal monitoring and assessment capabilities to gauge the effect of pollutants on coastal waters (0 pos.; +\$1,000); and to restore and maintain operations at its baseline observatories in Alaska, Hawaii, Samoa, and Antarctica (0 pos.; +\$1,200). In the High Performance Computing and Communications program an increase is needed to accommodate a full year's cost of leasing the massively parallel computer acquired in FY 1999 to advance weather

prediction models at NOAA's Forecast Systems Laboratory (0 pos.; +\$1,500). An increase is also requested for the Global Learning and Observations to Benefit the Environment (GLOBE) program to increase the number of participating schools and breadth of science data being collected (0 pos.; +\$2,500). Lastly, an increase is requested for the National Science and Technology Council's (NSTC) initiative, the U.S. Global Change Research Program, for NOAA's Climate and Global Change Program, to improve NOAA's prediction and assessment capabilities based on a program of observations and modeling to understand recurrent patterns of variability of the climate system and its forcings across all time scales (0 pos.; +\$6,700).

No funding is requested for the Climate Change Research Center (0 pos.; -\$2,000).

Atmospheric Programs	301	47,050	0	0
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Increased funding is requested for the U.S. Weather Research Program in support of improving the forecast accuracy and lead time of hurricane landfall as part of the Natural Disaster Reduction Initiative (NDRI) (0 pos.; +\$1,500).

No funding is requested for researching and evaluating wind profiler data for incorporation into operational forecast models (0 pos.; -\$1,500).

Ocean and Great Lakes Programs	158	99,000	0	-16,200
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Increased funding is requested for the following programs: marine aquaculture to begin the sustainable production of native commercial ocean fish species (0 pos.; +\$3,600); ocean bottom observatories to expand shallow water observations as well as develop deep sea observatories as part of the National Undersea Research Program (NURP) (0 pos.; +\$3,100); hypoxia research and modeling to assess conditions in the northern Gulf of Mexico (0 pos.; +\$400); fisheries oceanography (0 pos.; +\$400); and development of new technology, research, outreach and control programs to curb the spread of invasive species in U.S. waters (0 pos.; +\$200).

Decreased funding is requested for the Arctic research initiative (0 pos.; -\$350); for the National Sea Grant College Program reflecting the discontinuation of lower priority research (0 pos.; -\$6,000). Reduced funding is also requested in the National Undersea Research Program (NURP) in support of a streamlined, yet nationally competitive research program (0 pos.; -\$5,550).

No funding is requested for the following programs as they either have been completed, or represent lower priorities to NOAA: southeast Atlantic marine monitoring and prediction (0 pos.; -\$750); the Chesapeake Bay ballast demonstration (0 pos.; -\$850); Tsunami mitigation (0 pos.; -\$2,300); the Lake Champlain study (0 pos.; -\$150); the open ocean aquaculture program, including funding for the seacoast science center (0 pos.; -\$2,400); the initiative for aquatic ecosystems, water quality, atmospheric research and facilities construction at the Canaan Valley Institute (0 pos.; -\$4,000); the sediment control study (0 pos.; -\$50); the Gulf of Maine council (0 pos.; -\$500); and the marine ecosystem initiative (0 pos.; -\$1,000).

Acquisition of Data	103	13,020	0	0
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No additional funding is requested for this subactivity in FY 2000.

[National Weather Service \(NWS\)](#)

Operations and Research (O&R)	4,674	518,240	-100	+14,757
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NOAA requests a net increase of \$14.8 million in O&R in FY 2000. This increase supports budget and program recommendations of the NOAA Review which covered fiscal years 1998 and 1999, and funds activities which contribute to the Natural Disaster Reduction Initiative (NDRI). Specifically, increases are requested as follows: base restoration to cover NWS' labor cost deficiencies in the NWS field offices (-100 pos.; +\$9,634). The requested increase incorporates the effect of reducing staffing levels by 100 positions/187 FTEs, which is more than offset by the cumulative effects of upgrading the NWS workforce as part of the modernization transition. Increases are also requested to maintain and replace critical field office equipment, provide the necessary level of training to forecasters, as well as maintain centralized communication services (0 pos.; +\$1,663). Included in the request for the NWS in addition to the aforementioned restorations, are current adjustments-to-base of \$19,990 for both labor and non-labor inflation expected in FY 2000. In addition, a program increase is requested

to address the Secretary's mitigation recommendations for Caribou, ME, Key West, FL, Erie, PA, and Williston, ND (0 pos.; +\$1,006). Increases are also requested to begin the modernization of NOAA's cooperative observer network, which is the backbone of the nation's climate record and an integral source of data for local forecasting (0 pos.; +\$1,500); for obtaining commercial aircraft atmospheric observations from ARINC in support of improving the accuracy of weather warnings and forecasts (0 pos.; +\$600); to initiate the national implementation of the Advanced Hydrologic Prediction System (0 pos.; +\$2,200); and to provide an adequate level of maintenance for Weather Forecast Offices (0 pos.; +\$1,000).

Reduced funding is needed to support the Susquehanna River Basin flood system (0 pos.; -\$631).

No funding is requested for the following projects as they were either non-recurring, or are considered lower priority programs to NOAA: NWR transmitters in Kentucky, Georgia, South Dakota, and Illinois, as the FY 1999 costs were non-recurring (0 pos.; -\$1,600); cooperative institute for regional prediction (0 pos.; -\$216); and support of the OK -FIRST prototype development at the National Severe Storms Laboratory (0 pos.; -\$399).

Systems Acquisition	179	58,855	+11	+26,045
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Funding in this subactivity reflects the non-capital portion of the Next Generation Weather Radar (NEXRAD), Automated Surface Observing System (ASOS), and the Advanced Weather Interactive Processing System (AWIPS) programs.

An increase is needed in the AWIPS program reflecting the completion of deployment activities in FY 1999 and the full-year effect of post-deployment operations and maintenance of the AWIPS network (+11 pos.; +\$25,813); and in the ASOS program to effect additional corrective and preventative equipment maintenance to improve operational availability (0 pos.; +\$240).

A small decrease is requested in the NEXRAD program representing a funding adjustment (0 pos.; -\$8).

National Environmental Satellite, Data and Information Service (NESDIS)

Satellite Observing System	519	58,050	0	+1,186
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Funding in this subactivity includes the operation of current, on-orbit geostationary (GOES) and polar-orbiting (POES) satellites and the acquisition of data from non-NOAA satellites. Funding associated with the acquisition of geostationary and polar-orbiting operational environmental satellites, including the Polar Convergence (NPOESS) program, is captured in the Procurement, Acquisition and Construction (PAC) account.

An increase is requested to maintain on-going satellite operations, and data processing and distribution without degradation in services from current levels (0 pos.; +\$1,686). An increase is also requested to commence the Global Disaster Information Network (GDIN) program to improve all phases of disaster management (0 pos.; +\$2,000). This is a multi-agency/public-private partnership designed to lessen the impact of natural disasters on the American public. NOAA's contribution focuses on identifying/developing/managing those data sets useful to public and private concerns in the mitigation of the effects of natural disasters.

No funding is requested for the wind demonstration project (0 pos.; -\$2,500).

Environmental Data Management Systems	277	53,174	0	-9,318
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An increase is requested in conjunction with the NWS to modernize NOAA's cooperative observer network, particularly, the rain gauge network which incorporates technology that is no longer supported by any manufacturer (0 pos.; +\$1,500). An increase is also requested to meet the increased costs of operating NOAA's three national data centers (0 pos.; +\$932).

Decreased funding is requested for the weather record preservation efforts at the data centers (0 pos.; -\$5,000), as well as for environmental data systems modernization (0 pos.; -\$4,000).

No funding is requested for the regional climate centers as this function should be privatized (0 pos.; -\$2,750).

Program Support

Administration and Services	1,109	62,868	0	0
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No changes are requested for this subactivity in FY 2000.

Aircraft Services	107	10,669	+5	+350
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An increase is requested for Aircraft Services to support a second flight crew for the G-IV jet to meet the operational requirement of 24-hour storm surveillance. The jet will be flown for 12-hour intervals during land-falling hurricanes (+5 pos.; +\$350).

<u>Fleet Maintenance and Planning</u>	12	11,643	0	-2,400
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All costs of on-going maintenance, minor repairs, and planning for future fleet modernization and replacement efforts are captured in this ORF activity. Expenditures for future fleet modernization activities are accounted for in the Procurement, Acquisition and Construction (PAC) account.

Decreased funding is requested for this activity to reflect one-time enhancements to the pier at NOAA's Pascagoula facility (0 pos.; -\$2,400).

<u>Facilities</u>	15	3,844	0	+5,985
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All costs of NOAA-wide preventive maintenance, minor repairs, general facilities planning and design and environmental compliance at NOAA's facilities are captured in this ORF activity. Expenditures for new construction or major modifications to existing NOAA facilities are captured in the PAC account.

The payment of lease costs for the Sandy Hook laboratory and the costs to maintain the Columbia River hatcheries are now reflected in the NMFS activity instead of in this subactivity.

Increases are necessary to accommodate the incremental operations costs of the new Boulder laboratory facility (0 pos.; +\$3,850); to expand efforts in NOAA's environmental compliance program (0 pos.; +\$1,873); and for NARA records management (0 pos.; +\$262).

Detailed Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
NATIONAL OCEAN SERVICE								
Navigation Services:								
Mapping & Charting	258	\$34,260	258	\$34,495	258	\$33,335	0	(\$1,160)
Address survey backlog		14,000		14,000		14,900	0	900
Subtotal	258	48,260	258	48,495	258	48,235	0	(260)
Geodesy	227	19,659	227	19,849	227	19,849	0	0
Tide and Current Data	145	12,000	145	12,133	145	14,883	0	2,750
Total, Navigation Services	630	79,919	630	80,477	630	82,967	0	2,490
Ocean Resources Conservation & Assessment:								
Estuarine & Coastal Assessment								
Oceanic & coastal research	61	7,410	61	7,470	61	7,970	0	500
GLERL			60	6,885	60	6,085	0	(800)
Ocean assessment program	177	42,611	177	41,781	197	46,281	20	4,500
Response and Restoration	109	8,774	109	9,884	124	19,884	15	10,000
Trans. fr Damage Assessmt Fund		5,597					0	0
Subtotal	347	64,392	407	66,020	442	80,220	35	14,200
Coastal Ocean Science								
Coastal ocean program	21	18,400	21	18,430	21	19,430	0	1,000
Subtotal	21	18,400	21	18,430	21	19,430	0	1,000
Total, Ocean Res. Conservation & Assessment	368	82,792	428	84,450	463	99,650	35	15,200
Ocean & Coastal Management:								
Coastal Management								
CZM administration	51	4,500	51	4,500	62	5,500	11	1,000
CZM grants		53,700		53,700		55,700	0	2,000
CZM 310 grants					3	28,000	3	28,000
Estuarine research reserve system		4,300		4,300		7,000	0	2,700
Non-point pollution control		4,000		4,000		6,000	0	2,000
CZMF (obligate in fund)	(51)	(4,000)					0	0
Subtotal	0	62,500	51	66,500	65	102,200	14	35,700
Ocean Management								
Marine sanctuary program	100	14,350	100	14,350	120	26,000	20	11,650
Subtotal	100	14,350	100	14,350	120	26,000	20	11,650
Total, Ocean & Coastal Management	100	76,850	151	80,850	185	128,200	34	47,350
Acquisition of Data	196	14,546	196	14,726	196	17,726	0	3,000
TOTAL, NOS	1,294	254,107	1,405	260,503	1,474	328,543	69	68,040

NATIONAL MARINE FISHERIES SERVICE	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
Information Collection & Analyses:								
Resource Information	948	\$106,675	948	\$108,379	961	\$96,918	13	(\$11,461)
Antarctic research		1,200		1,200		1,200	0	0
Chesapeake Bay studies		1,890		1,890		1,500	0	(390)
Right whale research		350		350		200	0	(150)
MARFIN		3,000		3,000		3,000	0	0
SEAMAP		1,200		1,200		1,200	0	0
Alaskan groundfish surveys		900		900		661	0	(239)
Bering Sea pollock research		945		945		945	0	0
West Coast groundfish		800		800		780	0	(20)
New England stock depletion		1,000		1,000		1,000	0	0
Hawaii stock management plan		500		500			0	(500)
Yukon River chinook salmon		700		700		700	0	0
Atlantic salmon research		710		710		710	0	0
Gulf of Maine groundfish survey		567		567		567	0	0
Dolphin / Yellowfin tuna research		250		250		250	0	0
Pacific salmon treaty program		7,444		7,444		5,587	0	(1,857)
Hawaiian monk seals		700		700		500	0	(200)
Stellar sea lion recovery program		2,520		2,520		1,440	0	(1,080)
Hawaiian sea turtles		275		275		248	0	(27)
Bluefish / striped bass		1,000		1,000			0	(1,000)
Halibut / Sablefish		1,200		1,200		1,200	0	0
Subtotal	948	133,826	948	135,530	961	118,606	13	(16,924)
Fishery Industry Information								
Fish statistics	168	13,000	168	13,257	171	14,257	3	1,000
Alaska groundfish monitoring		5,500		5,500		5,200	0	(300)
PACFIN / catch effort data		4,700		4,700		3,000	0	(1,700)
GULF FIN data collection effort		3,000		3,000			0	(3,000)
Rec. fishery harvest monitoring		3,900		3,900		3,100	0	(800)
Subtotal	168	30,100	168	30,357	171	25,557	3	(4,800)
Info. Analyses & Dissemination	250	20,900	250	21,342	250	21,342	0	0
Computer hardware and software		4,000		4,000		4,000	0	0
Subtotal, Info. Analyses & Dissem.	250	24,900	250	25,342	250	25,342	0	0
Total, Info. Collection & Analyses	1,366	188,826	1,366	191,229	1,382	169,505	16	(21,724)
Conservation & Management Operations:								
Fisheries Management Programs	263	29,900	263	32,587	289	36,487	26	3,900
Columbia River hatcheries		13,600		18,065		14,765	0	(3,300)
Columbia River end species studies		288		288		288	0	0
Fisheries habitat restoration						22,700	0	22,700
NE fisheries management						5,180	0	5,180
Regional councils		13,000		13,000		13,300	0	300
International fisheries commissions		400		400		400	0	0
Management of George's Bank		478		478		478	0	0
Pacific tuna management		2,300		2,300		1,250	0	(1,050)
Subtotal	263	59,966	263	67,118	289	94,848	26	27,730
Protected Species Management	370	6,200	370	6,806	382	9,406	12	2,600
Driftnet Act Implementation		3,378		3,378		3,278	0	(100)
Marine Mammal Protection Act		7,583		7,583		7,225	0	(358)
Endangered Spec Act recovery plan	19	28,000	19	28,000	195	55,450	176	27,450
Dolphin encirclement studies	9	3,300	9	3,300	9	3,300	0	0
Native marine mammals		750		750		700	0	(50)
Observer training		2,650		2,650		4,225	0	1,575
Subtotal	398	51,861	398	52,467	586	83,584	188	31,117

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
NATIONAL MARINE FISHERIES SERVICE								
Habitat Conservation	116	\$9,000	116	\$9,158	136	\$10,858	20	\$1,700
Enforcement & Surveillance	183	17,775	183	18,096	201	19,121	18	1,025
Total, Conserv. & Management Ops	960	138,602	960	146,839	1,212	208,411	252	61,572
State & Industry Assistance Programs								
Interjurisdictional fisheries grants		2,600		2,600		2,600	0	0
Disaster research & prevention		7,000		0		0	0	0
Anadromous grants		2,100		2,100		2,100	0	0
Interstate fish commissions		7,750		7,750		4,000	0	(3,750)
Subtotal	0	19,450	0	12,450	0	8,700	0	(3,750)
Fisheries Development Program								
Product quality and safety	90	9,824	90	10,028	66	8,328	(24)	(1,700)
Hawaiian fisheries development		750		750			0	(750)
Subtotal	90	10,574	90	10,778	66	8,328	(24)	(2,450)
Total, State & Industry Assist. Prog.	90	30,024	90	23,228	66	17,028	(24)	(6,200)
Acquisition of Data	296	25,098	296	25,488	296	25,488	0	0
TOTAL, NMFS	2,712	382,550	2,712	386,784	2,956	420,432	244	33,648

OCEANIC AND ATMOSPHERIC RESEARCH

Climate & Air Quality Research:								
Interannual & Seasonal Climate Res.	38	14,900	38	14,900	38	16,900	0	2,000
Long-term Climate & Air Quality Res.	183	30,000	183	30,413	183	34,600	0	4,187
High Perform. Computing & Com.	6	12,000	6	12,000	6	13,500	0	1,500
Subtotal	227	56,900	227	57,313	227	65,000	0	7,687
GLOBE	9	2,500	9	2,500	9	5,000	0	2,500
Climate and Global Change	147	63,000	147	63,000	147	69,700	0	6,700
Subtotal	156	65,500	156	65,500	156	74,700	0	9,200
Total, Climate & Air Quality Research	383	122,400	383	122,813	383	139,700	0	16,887
Atmospheric Programs:								
Weather research	240	36,100	240	36,600	240	36,600	0	0
Wind profiler		4,350		4,350		4,350	0	0
Subtotal	240	40,450	240	40,950	240	40,950	0	0
Solar Terrestrial services & research	61	6,000	61	6,100	61	6,100	0	0
Total, Atmospheric Programs	301	46,450	301	47,050	301	47,050	0	0
Ocean & Great Lakes Programs:								
Marine Prediction Research	128	26,801	128	26,950	128	22,300	0	(4,650)
GLERL	60	6,825					0	0
Subtotal	188	33,626	128	26,950	128	22,300	0	(4,650)
Sea Grant								
Sea Grant College Program	22	57,500	22	57,500	22	51,500	0	(6,000)
Subtotal	22	57,500	22	57,500	22	51,500	0	(6,000)
Undersea Research Program								
Nat'l Undersea Research Program	8	14,550	8	14,550	8	9,000	0	(5,550)
Subtotal	8	14,550	8	14,550	8	9,000	0	(5,550)
Total, Ocean & Great Lakes Programs	218	105,676	158	99,000	158	82,800	0	(16,200)
Acquisition of Data	103	12,884	103	13,020	103	13,020	0	0
TOTAL, OAR	1,005	287,410	945	281,883	945	282,570	0	687

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
NATIONAL WEATHER SERVICE								
Operations & Research:								
Local Warnings & Forecasts	4,359	\$357,034	4,359	\$438,223	4,259	\$450,411	(100)	\$12,188
MARDI		64,036					0	0
Advanced Hydrologic Prediction System						2,200	0	2,200
Radiosonde replacement program		2,000					0	0
Susquehanna River Basin Flood System		1,250		1,250		619	0	(631)
WFO maintenance				3,000		4,000	0	1,000
Aviation forecasts		35,596		35,596		35,596	0	0
Subtotal	4,359	459,916	4,359	478,069	4,259	492,826	(100)	14,757
Central Forecast Guidance	276	35,574	276	37,081	276	37,081	0	0
Atmospheric & Hydrological Research	39	2,964	39	3,090	39	3,090	0	0
Total, Operations & Research	4,674	498,454	4,674	518,240	4,574	532,997	(100)	14,757
Systems Acquisition:							0	0
Public Warning & Forecast Systems								
NEXRAD	128	38,346	128	39,333	128	39,325	0	(8)
ASOS	38	7,116	38	7,333	38	7,573	0	240
AWIPS / NOAAPort	13	12,189	13	12,189	24	38,002	11	25,813
Computer Facility Upgrades		4,600					0	0
Total, Systems Acquisition	179	62,251	179	58,855	190	84,900	11	26,045
TOTAL, NWS	4,853	560,705	4,853	577,095	4,764	617,897	(89)	40,802
NATIONAL ENVIRONMENTAL SATELLITE DATA & INFORMATION SERVICE								
Satellite Observing Systems:								
Ocean remote sensing	0	4,000	0	4,000	0	4,000	0	0
Global Disaster Information Network (GDIN)						2,000	0	2,000
Environmental Observing Services	519	53,300	519	54,050	519	53,236	0	(814)
Total, Satellite Observing Systems	519	57,300	519	58,050	519	59,236	0	1,186
Environmental Data Management Systems:								
Data & Information Services	277	33,550	277	34,089	277	31,521	0	(2,568)
Environmental Data Systems Modern.		16,335		16,335		12,335	0	(4,000)
Regional climate centers		2,750		2,750			0	(2,750)
Total, EDMS	277	52,635	277	53,174	277	43,856	0	(9,318)
TOTAL, NESDIS	796	109,935	796	111,224	796	103,092	0	(8,132)
PROGRAM SUPPORT								
Administration & Services:								
Executive direction & administration	299	19,200	299	19,573	299	19,573	0	0
HBCU				1,000		1,000	0	0
Systems Acquisition Office (SAO)	10	700	10	712	10	712	0	0
Subtotal	309	19,900	309	21,285	309	21,285	0	0
Central administrative support	800	31,850	800	41,583	800	41,583	0	0
Retired pay commissioned officers		7,000		0			0	0
Total, Administration & Services	1,109	58,750	1,109	62,868	1,109	62,868	0	0
Aircraft Services	107	10,500	107	10,669	112	11,019	5	350
TOTAL, PROGRAM SUPPORT	1,216	69,250	1,216	73,537	1,221	73,887	5	350
FLEET MAINTENANCE & PLANNING	12	11,600	12	11,643	12	9,243	0	(2,400)

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
FACILITIES								
Facilities:								
NOAA maintenance & repair	6	\$1,800	6	\$1,818	6	\$1,818	0	\$0
Sandy Hook lease		2,000					0	0
Environmental compliance	9	2,000	9	2,026	9	3,899	0	1,873
WFO maintenance		3,000					0	0
Columbia River facilities		4,465					0	0
NARA records management						262	0	262
Facilities Operations:								
Boulder laboratory						3,850	0	3,850
TOTAL FACILITIES	15	13,265	15	3,844	15	9,829	0	5,985
DIRECT OBLIGATIONS								
Rent savings to finance Goddard	11,903	1,688,822	11,954	1,706,513	12,183	1,845,493	229	138,980
NOAA Corps retirement pay (mandatory)				13,900		(4,656)	0	(4,656)
						13,900	0	0
TOTAL DIRECT OBLIGATIONS	11,903	1,688,822	11,954	1,720,413	12,183	1,854,737	229	134,324
REIMBURSABLE OBLIGATIONS								
Navigation & Magnuson fee collections	725	229,400	611	195,767	611	195,767	0	0
Offsetting collections (data sales)		4,000		4,000		4,000	0	0
		3,600		3,600		3,600	0	0
Subtotal, Reimbursable Obligations	725	237,000	611	203,367	611	203,367	0	0
TOTAL OBLIGATIONS	12,628	1,925,822	12,565	1,923,780	12,794	2,058,104	229	134,324
FINANCING								
Prior year recoveries (direct)		(33,000)		(33,000)		(33,000)	0	0
Unobligated balance transferred, net (DARRF)		(4,097)					0	0
Federal ship financing fund expenses							0	0
Offsetting collections (data sales)		(3,600)		(3,600)		(3,600)	0	0
Federal funds		(172,000)		(134,927)		(134,927)	0	0
Non-Federal funds		(57,400)		(60,840)		(60,840)	0	0
Offset for fee collections		(4,000)		(4,000)		(4,000)	0	0
Subtotal, Financing	(725)	(274,097)	(611)	(236,367)	(611)	(236,367)	0	0
TOTAL BUDGET AUTHORITY (B.A.)	11,903	1,651,725	11,954	1,687,413	12,183	1,821,737	229	134,324
FINANCING FROM:								
Promote & develop American fisheries		(63,381)		(63,381)		(64,926)	0	(1,545)
Coastal zone management fund				(4,000)		(4,000)	0	0
Disaster research & prevention (from USDA)		(7,000)					0	0
NOAACorps retirement pay (mandatory)				(13,900)		(13,900)	0	0
Damage assessment & rest. revol. fund		(1,500)					0	0
Subtotal, Financing From	0	(71,881)	0	(81,281)	0	(82,826)	0	(1,545)
APPROPRIATION, ORF	11,903	1,579,844	11,954	1,606,132	12,183	1,738,911	229	132,779
Proposed Rescission of Unobligated Balances						(3,400)	0	(3,400)
Proposed Supplemental								
Northeast multispecies fishery		1,880					0	0
Proposal for Later Transmittal:								
Navigation & Magnuson fee authorization						(34,000)	0	(34,000)
TOTAL B.A. w/ resc., sup. & fees	11,903	1,653,605	11,954	1,687,413	12,183	1,784,337	229	96,924
APPROP. w/ resc., sup. & fees	11,903	1,581,724	11,954	1,606,132	12,183	1,701,511	229	95,379

APPROPRIATION: Procurement, Acquisition and Construction

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			185	\$584,677
Adjustments to Base (transfer from ORF)				6,600
Restoration of FY 1999 Deobligations				4,000
2000 Base			185	595,277
Program Changes			(23)	42,701
TOTAL REQUIREMENTS			162	637,978
Recoveries from prior year obligations				(7,400)
2000 APPROPRIATION			162	630,578

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Systems Acquisition:								
NEXRAD	11	\$7,000	11	\$7,000	7	\$9,560	(4)	\$2,560
ASOS		3,855		3,855		4,180	0	325
AWIPS / NOAA Port	89	67,667	89	67,667	70	22,575	(19)	(45,092)
Computer Facility Upgrade		9,900		14,500		11,100	0	(3,400)
Radiosonde Replacement Program				2,000		8,350	0	6,350
GFDL Supercomputer						5,700	0	5,700
ACE Follow-on/GEOSTORM						4,340	0	4,340
POES	20	149,917	20	149,917	20	140,979	0	(8,938)
Polar Convergence (NPOESS)	13	50,000	13	50,000	13	80,100	0	30,100
GOES I - M		82,376		82,376		77,082	0	(5,294)
GOES N - Q	47	182,766	47	182,766	47	189,533	0	6,767
Subtotal	180	553,481	180	560,081	157	553,499	(23)	(6,582)
Construction:							0	0
Boulder lab - above standard cost		6,370		6,370			0	(6,370)
WFO Construction	5	9,526	5	9,526	5	13,367	0	3,841
NCEP		850		850			0	(850)
Santa Cruz research lab		4,200		4,200			0	(4,200)
Nat'l Estuarine Research Reserves		7,300		7,300		12,000	0	4,700
Alaska facilities / Juneau						1,000	0	1,000
Pribilof Island clean-up		700		700			0	(700)
Marine Sanctuaries						3,000	0	3,000
NOAA Operations & Research Center						3,545	0	3,545
Charleston / Ft. Johnson		3,000		3,000			0	(3,000)
Outer Banks community foundation		750		750			0	(750)
Long Island Bay Shore aquarium		1,000		1,000			0	(1,000)
Botanical gardens		500		500			0	(500)
Other		1,000		1,000			0	(1,000)
Subtotal	5	35,196	5	35,196	5	32,912	0	(2,284)
Fleet Replacement	0	0	0	0	0	51,567	0	51,567
Subtotal, PAC	185	588,677	185	595,277	162	637,978	(23)	42,701
Recoveries		(4,000)		(7,400)		(7,400)	0	0
TOTAL, PAC	185	584,677	185	587,877	162	630,578	(23)	42,701

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Positions</u>	<u>Amount</u>	<u>Positions</u>	<u>Amount</u>

Procurement, Acquisition and Construction (PAC)

The PAC account represents an annual appropriation in the FY 1999 Congressional appropriation. This account captures the non-recurring costs of acquiring and/or improving capital assets used by NOAA in carrying out its varied missions. In FY 2000, in conjunction with OMB Circular A-11, as amended, NOAA seeks in this account advanced appropriations for certain capital assets falling into this category which will allow it to realize procurement efficiencies, management accountability, as well as to reflect the full cost of assets for cost/benefit evaluations. See table below for annual amounts for the period FY 2000 - FY 2004, and FY 2005 to completion.

Systems Acquisition	180	\$560,081	-23	-\$6,582
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Increased funding is required as follows: in the Next Generation Weather Radar (NEXRAD) program to continue the tri-agency planned product improvement initiative that will lead to extended life of the network, lower life cycle costs and improved NEXRAD products (-4 pos.; +\$2,560); in the Automated Surface Observing System (ASOS) program to fund on-going planned product improvement initiatives and sensor development and deployment (0 pos.; +\$325); in the radiosonde replacement program to reflect the execution of the 1st option year of the replacement system contract (0 pos.; +\$6,350); in the High Performance Computing and Communications (HPCC) program to allow the Geophysical Fluids Dynamics Laboratory (GFDL) to replace its current vector processing supercomputer with a massively parallel processing (MPP) supercomputer (0 pos.; +\$5,700); for NOAA's contribution to the tri-agency acquisition of the first GEOSTORM satellite in support of continuity of space weather warnings and forecasts (0 pos.; +\$4,340); in the NPOESS program due to increased sensor development activities (0 pos.; +\$30,100); and in the Geostationary Operational Environmental Satellite (GOES) N - Q acquisition program due to the ramp-up of activity in the spacecraft portion of the program, as well as development of the advanced imager and sounder to fly commencing with GOES Q (0 pos.; +\$6,767).

Decreased funding is requested in the Computer Facilities Upgrade program reflecting the discontinuation of leasing and maintaining the Class VII (C-90) supercomputer (0 pos.; -\$3,400); in the Advanced Weather Interactive Processing System (AWIPS) program reflecting the completion of the deployment phase of the program (-19 pos.; -\$45,092); and in the Polar-orbiting Operational Environmental Satellite (POES) (0 pos.; -\$8,938) and GOES I - M (0 pos.; -\$5,294) acquisition programs due to reduced funding requirements for spacecraft and launch services.

Construction	5	35,196	0	-2,284
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An increase is needed in the Weather Forecast Office (WFO) construction program mainly for the National Data Buoy Center sand blast facility modifications, and the Alaska housing replacement program (0 pos.; +\$3,841). Increases are also requested to expand construction of the National Estuarine Research Reserve System (NERRS) (0 pos.; +\$12,000); to complete the planning and design of the fisheries facility in Juneau, AK (0 pos.; +\$1,000); to expand the marine sanctuaries system (0 pos.; +\$3,000); and to effect capital improvements and major maintenance of the NOAA Operations and Research Center (NORC) in Suitland, MD (0 pos.; +\$3,545).

Decreases are proposed for the following projects either because they had non-recurring funding requirements in FY 1999, or the project is of lower priority to NOAA: Santa Cruz Research Laboratory completed in FY 1999 (0 pos.; -\$4,200); above standard cost items associated with the Boulder Laboratory construction (0 pos.; -\$6,370); the National Centers for Environmental Prediction, mainly completion of the Aviation Weather Center (0 pos.; -\$850); Pribilof Island clean-up (0 pos.; -\$700), the Kasitsna Bay Lab and Kachenak Bay NERRS (0 pos.; -\$1,300); the Great Bay NERRS (0 pos.; -\$6,000); Charleston/Fort Johnson (0 pos.; -\$3,000), the Outer Banks Community Foundation (0 pos.; -\$750); the New York facilities (0 pos.; -\$1,500); and other (0 pos.; -\$1,000).

Fleet Replacement	0	0	0	+51,567
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An increase of funding is requested to acquire the capacity of a Fisheries Research Vessel to replace capacity planned for decommissioning (0 pos.; +\$51,567).

**PROCUREMENT, ACQUISITION &
CONSTRUCTION**

	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	To <u>Complete</u>	<u>Total</u>
Systems Acquisition								
NEXRAD *	\$7,000	\$9,560	\$9,060	\$9,060	\$9,060	\$9,060	\$0	\$52,800
ASOS *	3,855	4,180	6,125	7,565	6,655	5,495	0	33,875
AWIPS *	67,667	22,575	21,525	7,900	3,500	2,550	0	125,717
Computer Facility Upgrade *	9,900	11,100	12,835	16,135	12,335	11,835	0	74,140
Radiosonde Replacement Program *	[2,000]	8,350	8,350	8,350	8,350	3,000	0	36,400
GFDL Supercomputer *	0	5,700	8,000	8,000	8,000	8,000	6,500	44,200
ACE Follow-on / GEOSTORM **	0	4,340	6,160	6,580	6,580	6,580	0	30,240
POES K-N' *	149,917	140,979	114,594	98,253	73,699	61,241	94,011	732,694
POES Convergence *	50,000	80,100	113,600	180,000	230,500	333,500	2,209,750	3,197,450
GOES I-M *	82,376	77,082	58,615	15,960	11,476	9,009	4,922	259,440
GOES N-Q *	182,766	189,533	245,609	226,841	226,256	213,464	609,306	1,893,775
Subtotal, Systems Acquisition	553,481	553,499	604,473	584,644	596,411	663,734	2,924,489	6,480,731
Construction								
Boulder lab - above standard cost	6,370							6,370
WFO Construction*	9,526	13,367	12,225	12,725	7,552	8,536		63,931
NCEP	850							850
Santa Cruz research lab	4,200							4,200
Nat'l Estuarine Research Reserves	7,300	12,000	12,000	12,000	12,000	12,000		67,300
Alaska facilities / Juneau		1,000	15,000	20,000				36,000
Pribilof Island clean-up	700							700
Marine Sanctuaries		3,000	3,000	3,000	3,000	3,000		15,000
NOAA Operations & Research Center *		3,545	2,380					5,925
Charleston / Ft. Johnson	3,000							3,000
Outer Banks community foundation	750							750
Long Island Bay Shore aquarium	1,000							1,000
Botannical gardens	500							500
Other	1,000							1,000
Subtotal, Construction	35,196	32,912	44,605	47,725	22,552	23,536	0	206,526
Fleet Replacement	0	51,567	51,000	39,778	40,226	2,060	0	184,631
Total PAC Obligations	588,677	637,978	700,078	672,147	659,189	689,330	2,924,489	6,871,888
Deobligations	(4,000)	(7,400)	(8,404)	(10,612)	(10,824)	(10,824)	//	(52,064)
TOTAL, PAC BUDGET AUTHORITY	584,677	630,578	691,674	661,535	648,365	678,506	2,924,489	6,819,824

* Advanced appropriations are requested for these projects.

** Advanced appropriations are requested for GEOSTORM through FY 2002 only.

APPROPRIATION: Pacific Coastal Salmon Recovery

Summary of Requirements

	<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted	0	\$0
Financing		
Adjustments to Base	0	0
2000 Base	0	0
Program Changes	0	100,000
2000 APPROPRIATION	0	100,000

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Grants	0	\$0	0	\$0	0	\$100,000	0	\$100,000
TOTAL OBLIGATIONS	0	0	0	0	0	100,000	0	100,000
FINANCING								
Unobligated balance, start of year		0		0		0	0	0
Unobligated balance, end of year		0		0		0	0	0
TOTAL APPROPRIATION	0	0	0	0	0	100,000	0	100,000

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>Positions</u>	<u>Amount</u>	<u>Positions</u>	<u>Amount</u>
<u>Pacific Coastal Salmon Recovery</u>	0	\$0	0	\$100,000

The Pacific Coastal Salmon Recovery Account is established in FY 2000 to fund a new Pacific Coastal Salmon Recovery initiative for the purpose of sharing the costs of state, local, and tribal salmon conservation initiatives. Utilization of this fund will support NOAA's contribution to a broad interdepartmental initiative bolstering Federal capabilities to assist in the conservation of at-risk salmon runs in the western states of California, Washington, Oregon and Alaska. Grants will be matched dollar for dollar with non-Federal contributions. The fund will be established under the Secretary of Commerce's existing authorities under the Endangered Species Act, and will be made available through agreements with the Governors of each state for distribution to state, local and tribal efforts. The Secretary will also establish terms and conditions to ensure effective use of the funds as well as specific reporting requirements to ensure full accountability by users of the fund.

APPROPRIATION: Fishermen's Contingency Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			1	953
Adjustments to Base			0	0
2000 Base			1	953
Program Changes			0	0
2000 APPROPRIATION			1	953

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Systems Acquisition:								
Administrative expenses	1	\$953	1	\$953	1	\$953	0	\$0
Payment of claims & other services		1,532					0	0
TOTAL OBLIGATIONS	1	2,485	1	953	1	953	0	0
FINANCING								
Unobligated balance, start of year		(1,532)						
TOTAL APPROPRIATION	1	953	1	953	1	953	0	0

APPROPRIATION: Foreign Fishing Observer Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			0	\$189
Adjustments to Base			0	0
2000 Base			0	189
Program Changes			0	0
2000 APPROPRIATION			0	189

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Foreign fishing observer fund	0	\$1,596	0	\$189	0	\$189	0	\$0
TOTAL OBLIGATIONS	0	1,596	0	189	0	189	0	0
FINANCING								
Unobligated balance, start of year		(1,407)						
TOTAL APPROPRIATION	0	189	0	189	0	189	0	0

APPROPRIATION: Fisheries Finance Program Account

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			0	\$28,338
Adjustments to Base			0	0
2000 Base			0	28,338
Program Changes			24	(18,080)
2000 APPROPRIATION			24	10,258

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Payment of claims & other services	0	\$28,360	0	\$28,338	24	\$10,258	24	(\$ 18,080)
TOTAL OBLIGATIONS	0	28,360	0	28,338	24	10,258	24	(18,080)
FINANCING								
Unobligated balance, start of year		(22)						
TOTAL APPROPRIATION	0	28,338	0	28,338	24	10,258	24	(18,080)
Proposed Supplemental	0	3,120	0	0	0	0	0	0
APPROPRIATION WITH SUPPLEMENTAL	0	31,458	0	28,338	24	10,258	24	(18,080)

This account was established in FY 1997 to cover the cost of financing direct loans as authorized by the Magnuson-Stevens Fisheries Conservation and Management Act Amendments of 1996. The FY 2000 President's Budget requests a net decrease of \$18.1 million, which is comprised of a decrease of \$28.0 million for direct loan payments, offset partially by an increase of \$1.7 million to cover administrative expenses associated with the Federal Ship Financing Fund and an increase of \$8.0 million to reduce harvesting capacity in the Northeast scallop fishery. The latter increase will be used to buyout vessels in this overcapitalized fishery through a combination of direct payouts and loans repaid through the collection of fisheries fees.

APPROPRIATION: Promote and Develop American Fishery Products & Research pertaining to American Fisheries

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			5	\$0
<u>Transfers</u>				
From Department of Agriculture		\$66,426		
Interbureau transfer		(63,381)		
Total, Transfers			0	3,045
Adjustments to Base			0	0
2000 Base			5	3,045
Program Changes			0	(1,545)
TOTAL REQUIREMENTS			5	1,500
<u>Transfers</u>				
From Department of Agriculture			0	(66,426)
To NOAA ORF				64,926
2000 APPROPRIATION			5	0

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Administrative expenses	5	\$566	5	\$566	5	\$566	0	\$0
Grants	0	3,654	0	2,479	0	934	0	(1,545)
TOTAL OBLIGATIONS	5	4,220	5	3,045	5	1,500	0	(1,545)
FINANCING								
Unobligated balance, start of year		(1,175)						
TOTAL BUDGET AUTHORITY	5	3,045	5	3,045	5	1,500	0	(1,545)
TRANSFERS								
From Department of Agriculture	0	(66,426)	0	(66,426)	0	(66,426)	0	0
To "Operations, Research & Facilities"		63,381		63,381		64,926	0	1,545
TOTAL APPROPRIATION	5	0	5	0	5	0	0	0

The American Fisheries Promotion Act of 1980 authorized a grants program for fisheries research and development projects to be carried out with Saltonstall-Kennedy (S-K) funds. S-K funds are derived from duties on imported fisheries products; 30% of these duties are transferred from the Department of Agriculture to the Department of Commerce. The FY 2000 budget estimate of the transfer is \$66.4 million. Of this amount, \$1.5 million will be used for the grants program, and the remaining \$64.9 million will be transferred to ORF.

APPROPRIATION: Damage Assessment & Restoration Revolving Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			0	(\$ 1,500)
Financing				0
Transfers				0
Adjustments to Base				
Maintain fee collections in DARRF				1,500
2000 Base			0	0
Program Changes			0	0
TOTAL BUDGET AUTHORITY			0	0

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
DARRF	0	\$7,793	0	\$1,500	0	\$1,500	0	\$0
Unobligated balance, transfer from DOI		4,097		2,684		2,684	0	0
Unobligated balance, transfer to ORF		(4,097)		0		0	0	0
TOTAL OBLIGATIONS	0	7,793	0	4,184	0	4,184	0	0
FINANCING								
Estimated collections		(1,500)		(1,500)		(1,500)	0	0
Unobligated balance, start of year		(7,793)					0	0
Obligated in Fund		0		(2,684)		(2,684)	0	0
TOTAL BUDGET AUTHORITY	0	(1,500)	0	0	0	0	0	0
TRANSFERS								
To "Operations, Research & Facilities"		1,500		0		0	0	0
TOTAL APPROPRIATION	0	0	0	0	0	0	0	0

This fund was established in 1990 to facilitate oil and hazardous material spill response, damage assessment and natural resources restoration activities. The Fund retains sums transferred by parties or government entities for future use. The source of these funds are settlements and awards by the courts. In FY 2000, funds for assessing damage and for effecting restoration measures will no longer be transferred to the ORF account and will be spent in DARRF, as authorized. Receipts from settlements are expected to be \$1.5 million in FY 2000.

APPROPRIATION: Coastal Zone Management Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			51	\$4,000
Adjustments to Base				
Transfer to ORF			(51)	(4,000)
2000 Base			0	0
Program Change			0	0
TOTAL BUDGET AUTHORITY			0	0
Transfer to ORF			0	4,000
APPROPRIATION			0	4,000

Comparison by Activity

	<u>1999 Currently Avail</u>		<u>2000 Base</u>		<u>2000 Estimate</u>		<u>Increase / Decrease</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
DIRECT OBLIGATIONS								
Coastal Zone Management	51	\$4,000	0	\$0	0	\$0	0	\$0
TOTAL OBLIGATIONS	51	4,000	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year		(593)		(593)		(593)	0	0
Unobligated balance, end of year		593		593		593	0	0
Transfer to ORF		0		4,000		4,000	0	0
TOTAL APPROPRIATION	51	4,000	0	4,000	0	4,000	0	0
Less: Offsetting collections		(4,000)		(4,000)		(4,000)	0	0
TOTAL BUDGET AUTHORITY	51	0	0	0	0	0	0	0

In FY 2000, NOAA proposes to transfer authorized funding to the ORF account for obligation to facilitate operation of the fund which is expected to continue experiencing declining receipts.

APPROPRIATION: Federal Ship Financing Fund

Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>Perm Pos</u>	<u>Amount</u>	<u>Perm Pos</u>	<u>Amount</u>
1999 Enacted			0	\$0
Financing				
Adjustments to Base			0	0
2000 Base			0	0
Program Changes			0	0
2000 APPROPRIATION			0	0

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Support services	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL OBLIGATIONS	0	0	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year		(3,179)		0		0	0	0
Unobligated balance transfer to Gen. Fund		3,179		0		0	0	0
TOTAL APPROPRIATION	0	0	0	0	0	0	0	0

APPROPRIATION: Fisheries Promotional Fund

Summary of Requirements

	Detailed		Summary	
	Perm Pos	Amount	Perm Pos	Amount
1999 Enacted			0	\$0
Financing				
Rescission of Unobligated Balances			0	(1,186)
2000 Base			0	(1,186)
Program Changes			0	0
2000 APPROPRIATION			0	(1,186)

Comparison by Activity

	1999 Currently Avail		2000 Base		2000 Estimate		Increase / Decrease	
	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount	Perm Pos	Amount
DIRECT OBLIGATIONS								
Fisheries promotion	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL OBLIGATIONS	0	0	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year		(1,186)		(1,186)		(1,186)	0	0
Unobligated balance, end of year		1,186		0		0	0	0
TOTAL BUDGET AUTHORITY (rescission)	0	0	0	(1,186)	0	(1,186)	0	0